

- Film deaeration unit operating method - involves supplying gas and liquid sequentially to liquid phase side such that surface of gas transparent film is **cleaned**, inside **membrane** module.

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PA (KURK) KURITA WATER IND LTD; (SAMS-N) SAMSON KK

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NOVELTY - Gas and liquid are supplied sequentially to liquid phase side (3a) such that surface of gas transparent film (3A) is **cleaned** inside **membrane** module. DETAILED DESCRIPTION - The gas transparent film is formed between the liquid phase side and gaseous phase side (3b), in the membrane module (3). A vacuum pump (4) is provided to perform decompression in the gaseous phase side. A pump (1) is provided to supply the liquid to the liquid phase side. When the decompression is performed in the gaseous phase side, the dissolved gas in the **liquid, flows** from the liquid phase side to the gaseous phase side. An INDEPENDENT CLAIM is provided for explaining the film deaeration unit.

USE - For deaeration of processed liquid containing oxygen.

ADVANTAGE - The method is useful because a special installation is not required. It facilitates continuous running of deaeration unit because the film is cleaned efficiently. DESCRIPTION OF DRAWING(S) - The figure shows systematic diagram of film deaeration unit. (1) Pump; (3) Membrane module; (3A) Gas transparent film; (3a) Liquid phase side; (3b) Gaseous phase side; (4) Vacuum pump.
Dwg.1/4